CS544 HW4

Task 1

Evaluation

precision: 86.55%; recall: 81.66%; FB1: 84.03

Hyper parameters:

```
batch_size = 192
vocab_size = len(vocab_dict)
num_layers = 1
embedding_dim = 100
hidden_dim = 256
output_dim = 128
dropout = 0.33
lr = 0.8
epoch = 1000
```

Task 2

Evaluation

precision: 89.08%; recall: 85.53%; FB1: 87.27

Hyper parameters

```
batch_size = 192
vocab_size = len(vocab_large)
num_layers = 1
embedding_dim = 100
hidden_dim = 256
output_dim = 128
dropout = 0.33
lr = 0.5
epoch = 1000
```